

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
REQUEST FOR FILING NATIONAL PATENT APPLICATION

Under 35 USC 111(a) and Rule 53(b)

Hon. Commissioner of Patents  
Washington, D.C. 20231

WITH SIGNED DECLARATION

NONPROVISIONAL  
NON REISSUE  
NON PCT NAT PHASE

PATENT APPLICATION



00909

1000 U.S. PRO  
10/080710  
02/25/02

Herewith is the PATENT APPLICATION of  
Inventor(s): PARK et al.

Title SYSTEM OF PERFORMING A REPAIR ANALYSIS FOR A  
SEMICONDUCTOR MEMORY DEVICE HAVING A  
REDUNDANT ARCHITECTURE

Atty. Dkt.: P 284140 2001-OPH-2212/JWR  
M# Client Ref

including:

Date: February 25, 2002

1. Specification: 26 pages (only spec. and claims) 2. ☐ Specification in non-English language  
3. Declaration ☒ Original ☐ Facsimile/Copy ☒ Abstract 1 page(s); 27 numbered claims  
4. ☒ Drawings: 15 sheet(s) ☐ informal; ☒ formal of size: ☒ A4 ☐ 11"  
5. ☐ See top first page re prior Provisional, National or International application(s). ("X" box only if info is there and do not complete item 6 or 7). (Prior M# SN )

6. This application claims benefit of the following prior US application(s), the contents of which are incorporated into this application by this reference:

No. / filed  
No. / filed  
No. / filed  
No. PCT / filed

designated the US and that International Application ☐ was ☐ was not published under PCT Article 21(2) in English

7. ☐ See the attached Preliminary Amendment, which amends the specification to claim benefit of the above listed US application(s)

8. ☒ Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.

9. ☐ Assignee (optional):

Address

10. FOREIGN priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in Korea

11. (country)

| Application No. | Filing Date       | Application No.   | Filing Date |
|-----------------|-------------------|---|-------------|
| (1) 2001-10097  | February 27, 2001 | (2)   |             |
| (3)             |                   | (4)   |             |
| (5)             |                   | (6)   |             |
| (7)             |                   | (8)   |             |
| (9)             |                   | <input type="checkbox"/> See 3rd page for additional priorities |             |

12. 1 (No.) Certified copy (copies): ☒ attached; ☐ previously filed (date) filed on in U.S. Application No. /

13. Small entity status ☒ is not claimed; ☐ is claimed (Pre-filing confirmation required)

13(a). ☐ Attached: (No.) Small Entity Statement(s) (since 9/8/00 small entity statement(s) not essential to make claim)

13(b). ☐ See NONPUBLICATION REQUEST under Rule 213(a) attached (Pat-258)

14. DOMESTIC/INTERNATIONAL priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

| Application No. | Filing Date | Application No. | Filing Date |
|-----------------|-------------|-----------------|-------------|
| (1)             |             | (4)             |             |
| (2)             |             | (5)             |             |
| (3)             |             | (6)             |             |

15. ☐ This application is being filed under Rule 53(b)(2) since an inventor is named in the enclosed Declaration who was not named in the prior application.

16. ☐ Attached:

17. ☐ Preliminary Amendment:

**THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED**

|   |    |            |    | Large/Small Entity |       | Fee Code |
|---|----|------------|----|--------------------|-------|----------|
| 18. Basic Filing Fee  |    |            |    | \$740/\$370        | \$740 | 101/201  |
| 19. Total Effective Claims  | 27 | minus 20 = | *7 | x \$18/\$9 =       | + 126 | 103/203  |
| 20. Independent Claims  | 3  | minus 3 =  | *0 | x \$84/\$42 =      | + 0   | 102/202  |
| *If answer is zero or less, enter "0"   |    |            |    |                    |       |          |
| 21. If any proper multiple dependent claim (ignore improper) is present, add (Leave this line blank if this is a reissue application) |    |            |    | + \$280/\$140      | + 0   | 104/204  |
| 22. TOTAL FILING FEE ENCLOSED =   |    |            |    |                    | \$866 |          |
| 23. If "non-English" box 2 is X'd, add Rule 17(k) processing fee  |    |            |    | + \$130            | + 0   | 139      |
| 24. If "assignment" box 8 is X'd, add recording fee   |    |            |    | + \$40             | + 40  | 581      |
| 25. <input type="checkbox"/> Attached is a Petition/Fee under Rule No.  |    |            |    | + \$130            | + 0   | 122      |
| 26. TOTAL FEE ENCLOSED =  |    |            |    |                    | \$906 |          |

Our Deposit Account No. 03-3975

Our Order No. 82124

C#

284140

M#



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**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

**This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.**

**Pillsbury Winthrop LLP  
Intellectual Property Group**

By Atty: Glenn J. Perry

Reg. No. 28458

Sig: by [Signature] (41,646)

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Atty/Sec: gjp /dlh

NOTE: File in duplicate with 2 post card receipts (PAT-103) & attachments